

Prior Art
Fig. 1

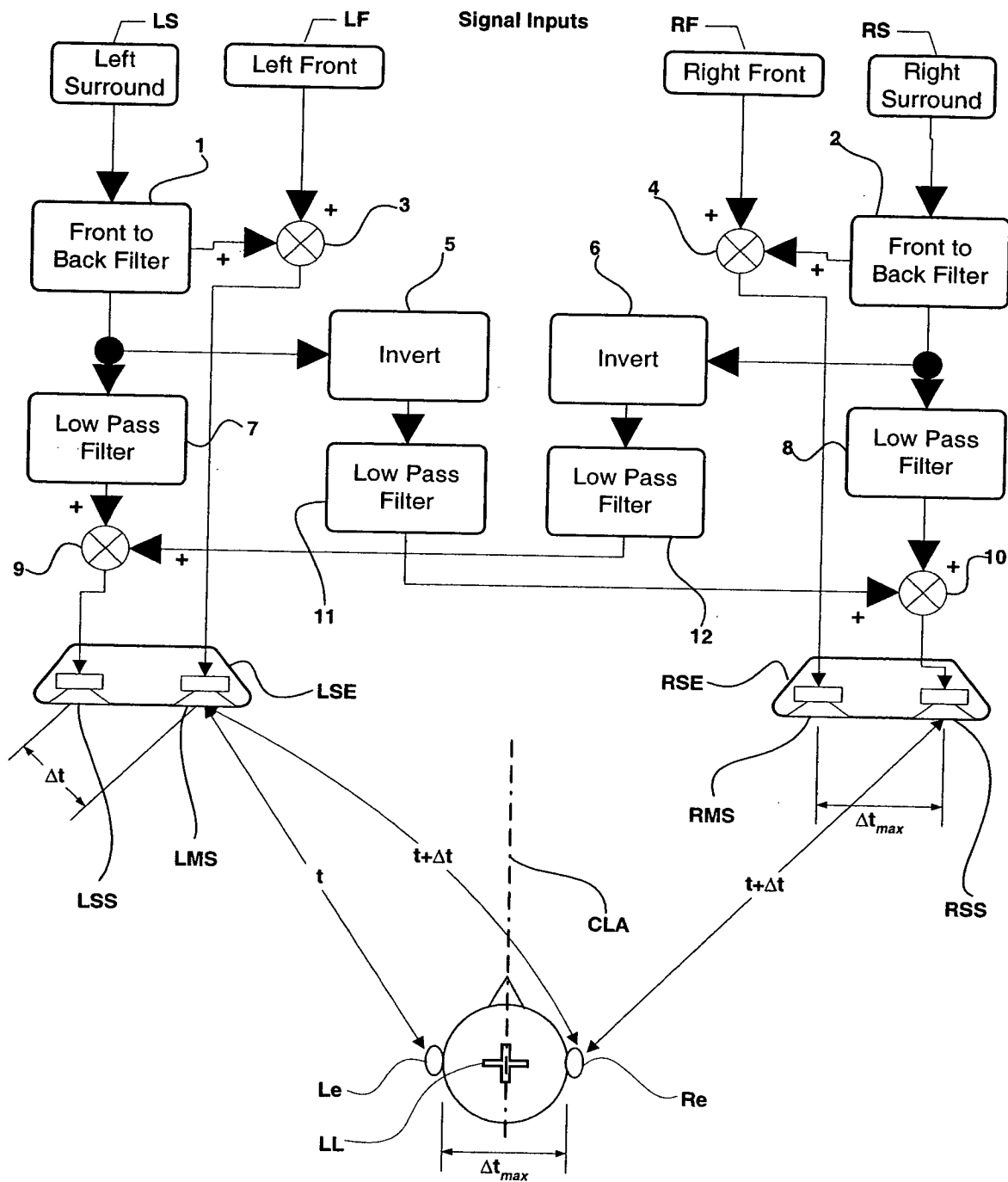


Fig. 2

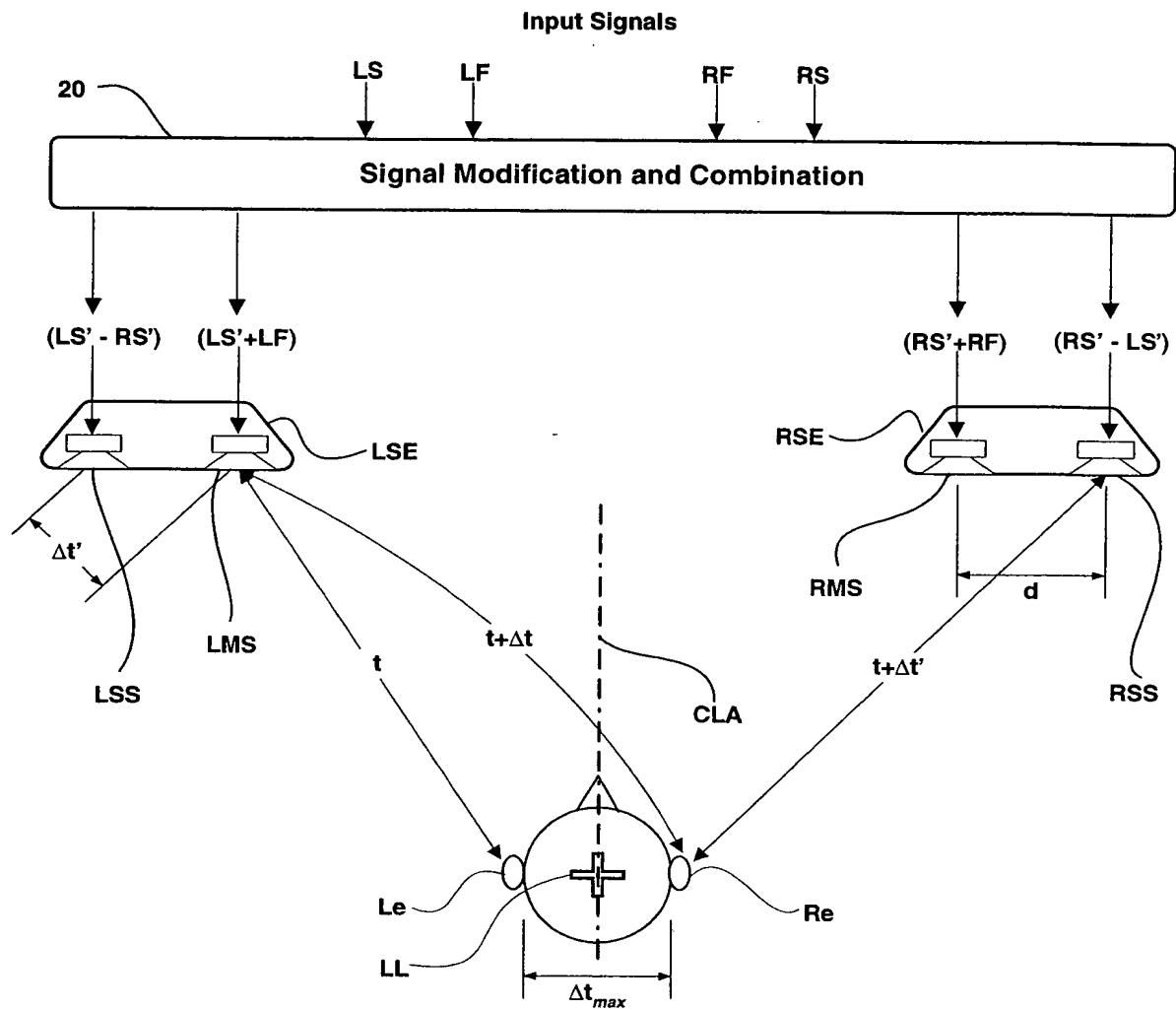


Fig. 2a

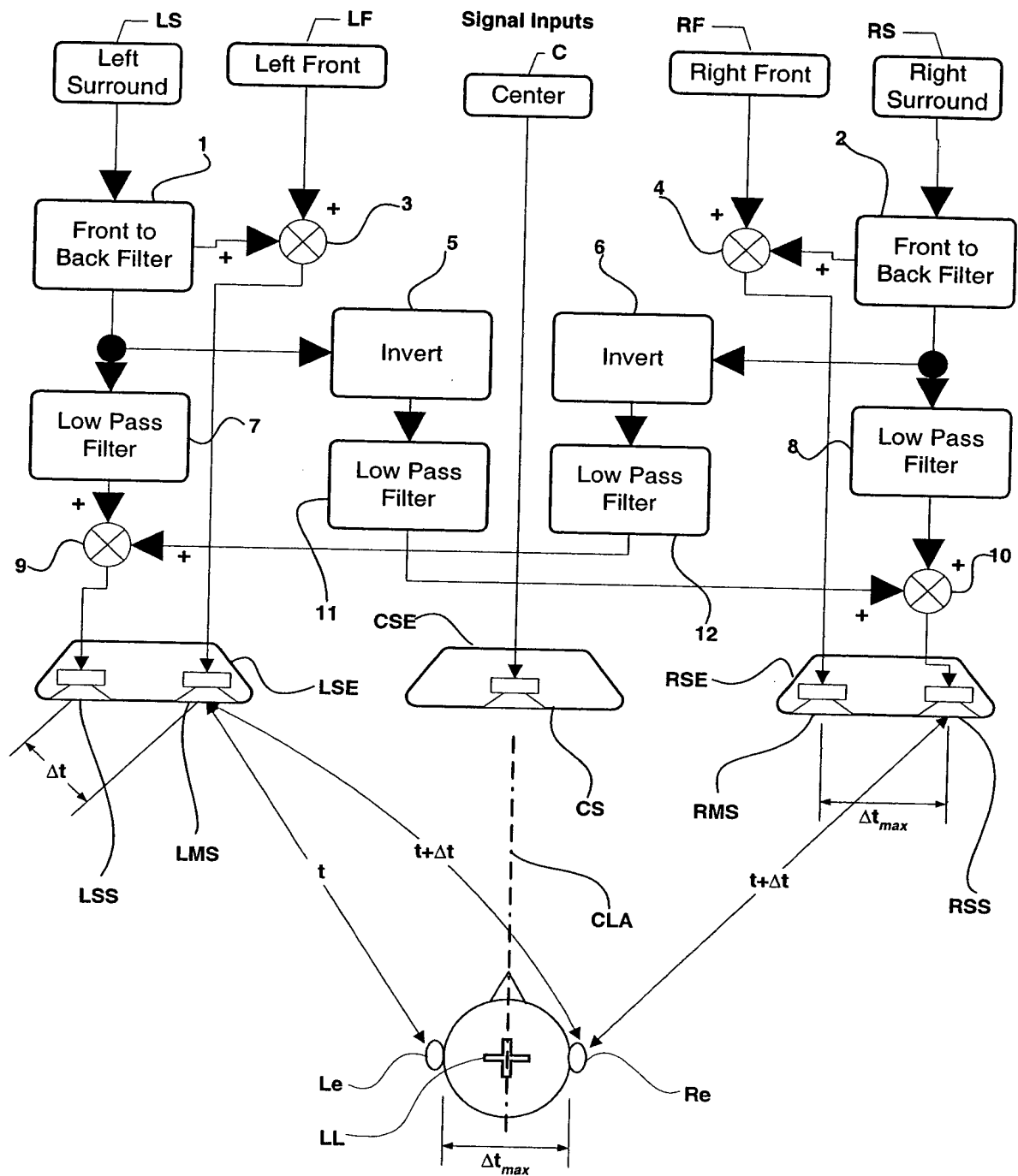


Fig. 2b

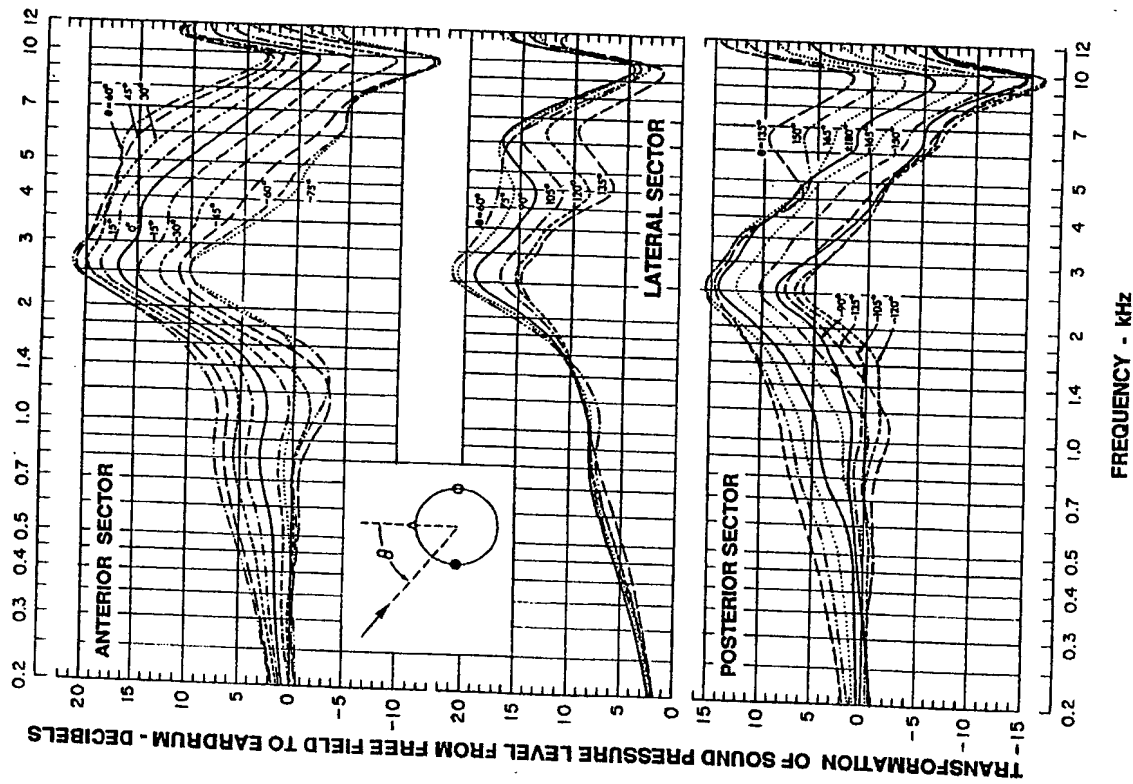


Fig. 2. Transformation of sound pressure level from the free field to the human eardrum in the horizontal plane as a function of frequency at 15° intervals of azimuth θ . Curves show average values based on data from 12 studies. (After Ref. 6).

Fig. 3

Fig. 4

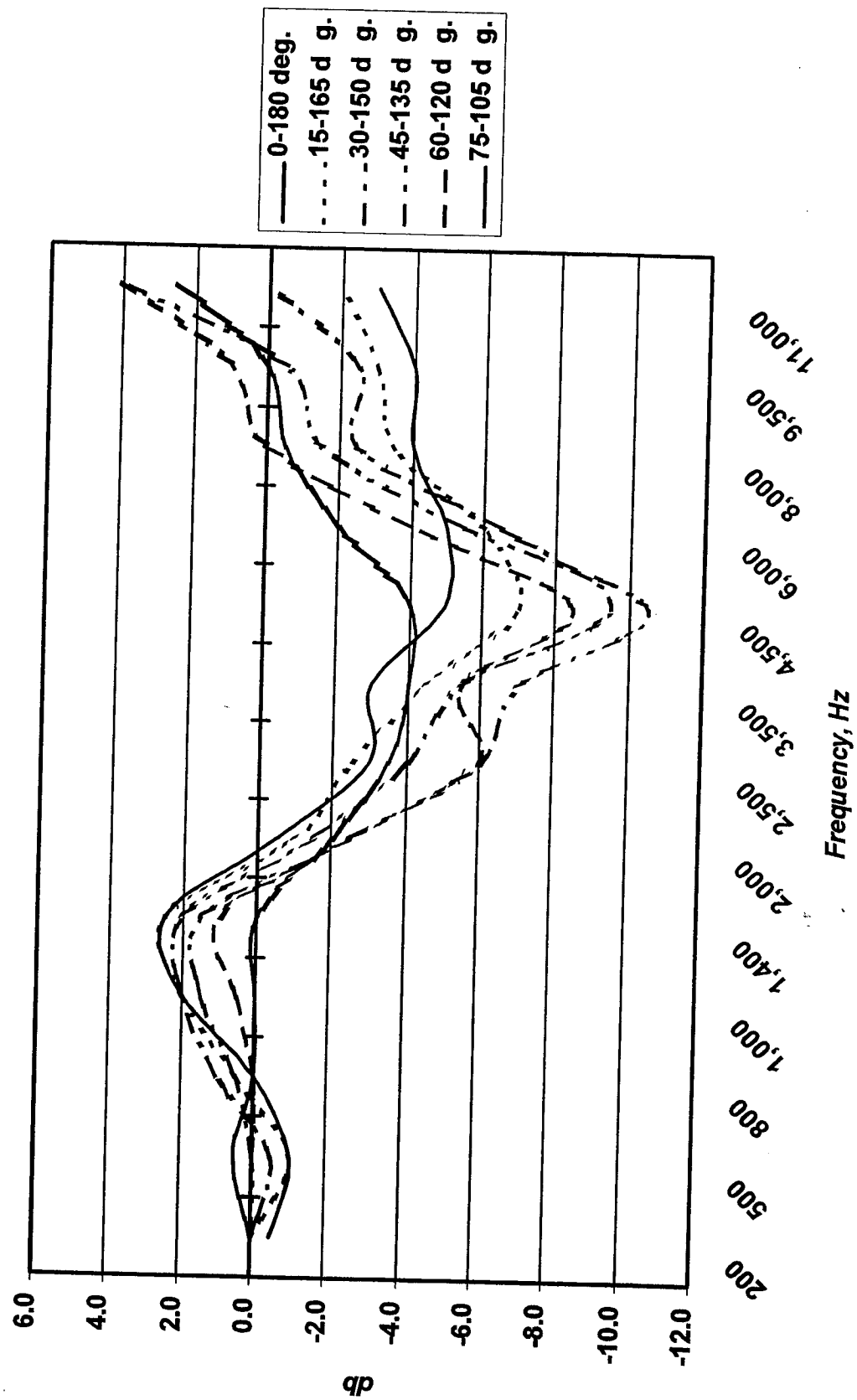


Fig. 5

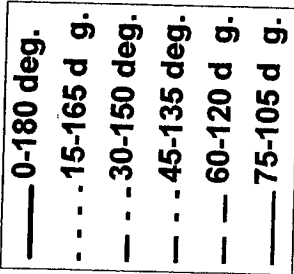
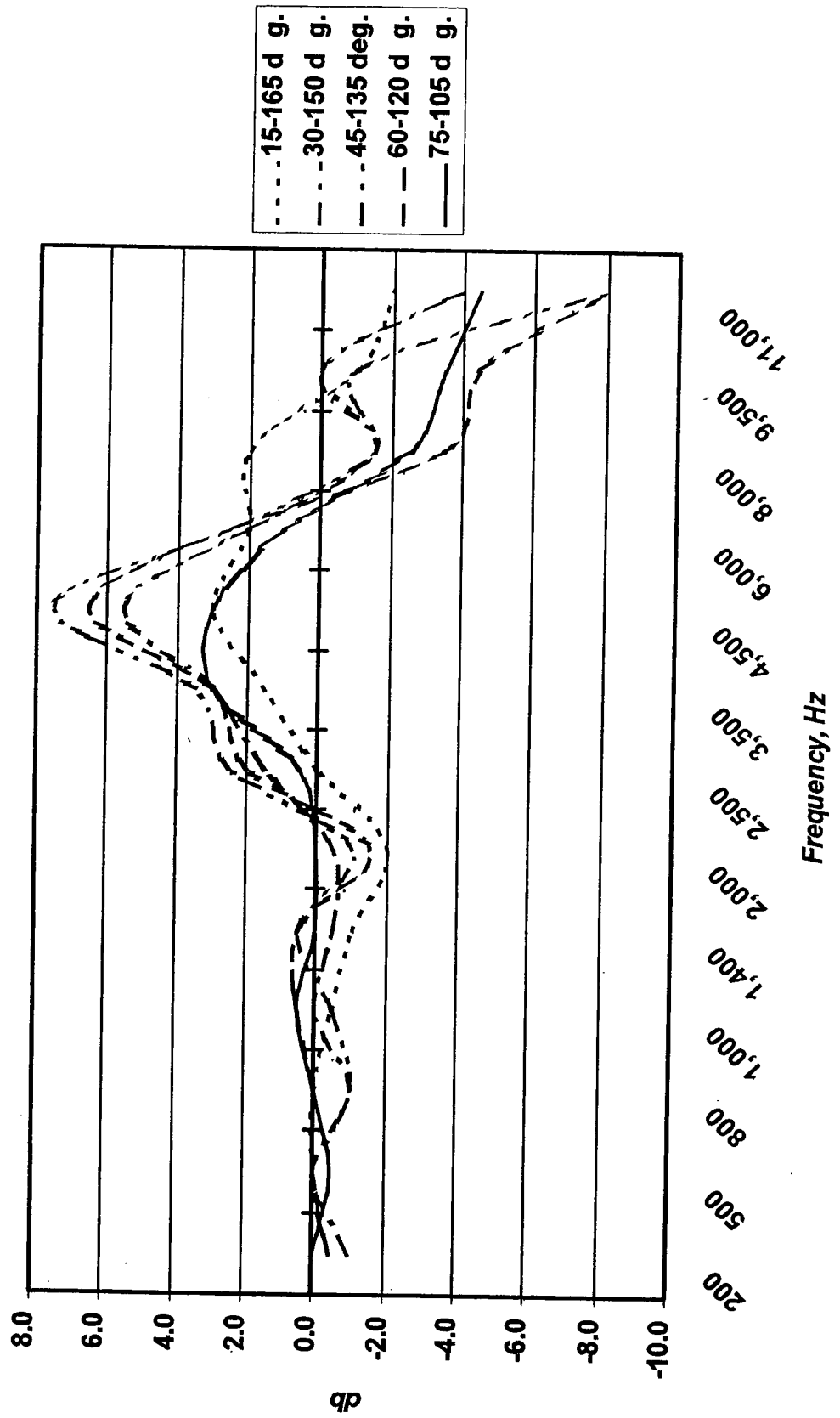


Fig. 6
Front to Back Frequency Response Differences
Far Ear vs Near Ear



Signal Inputs

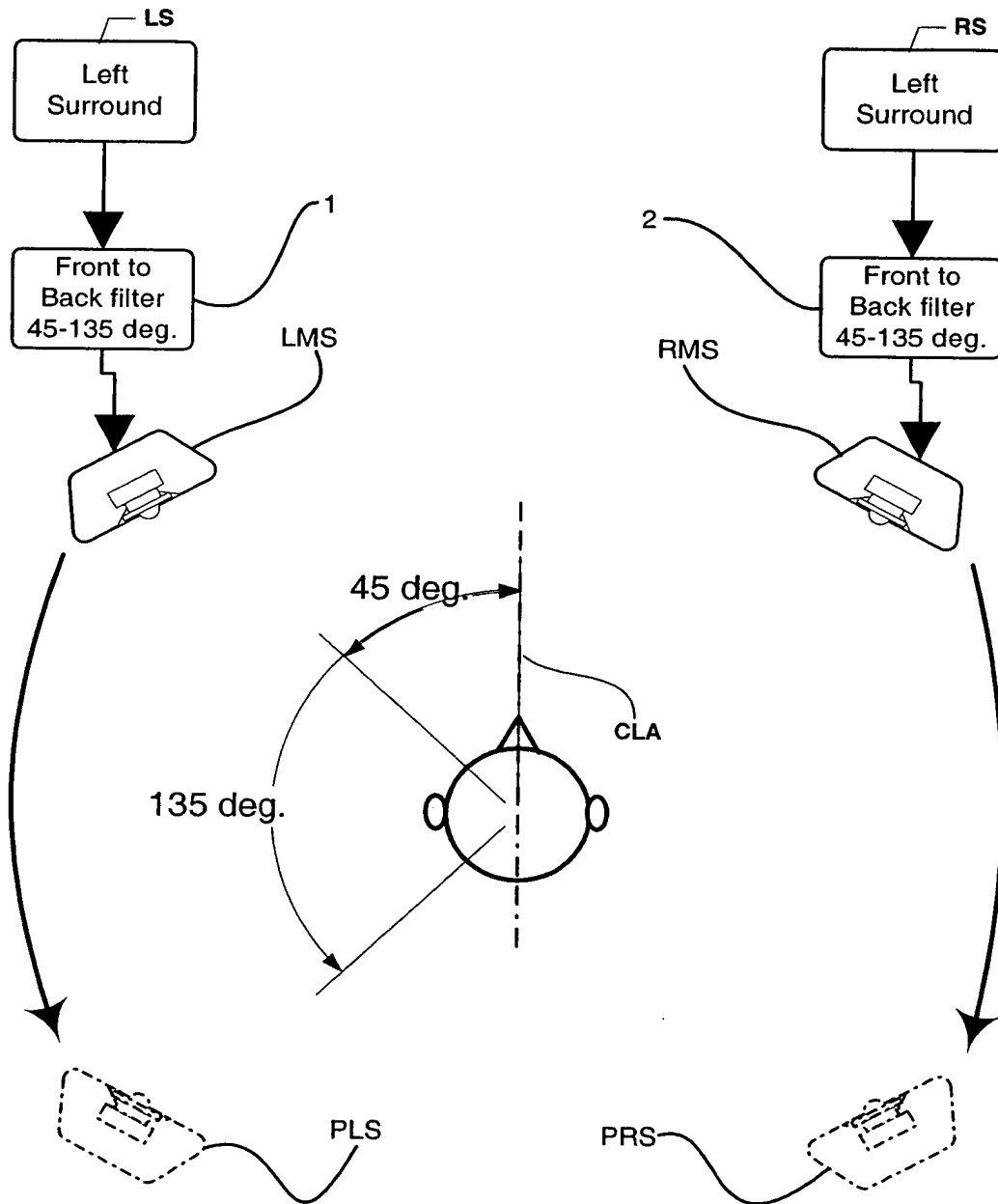


Fig. 7

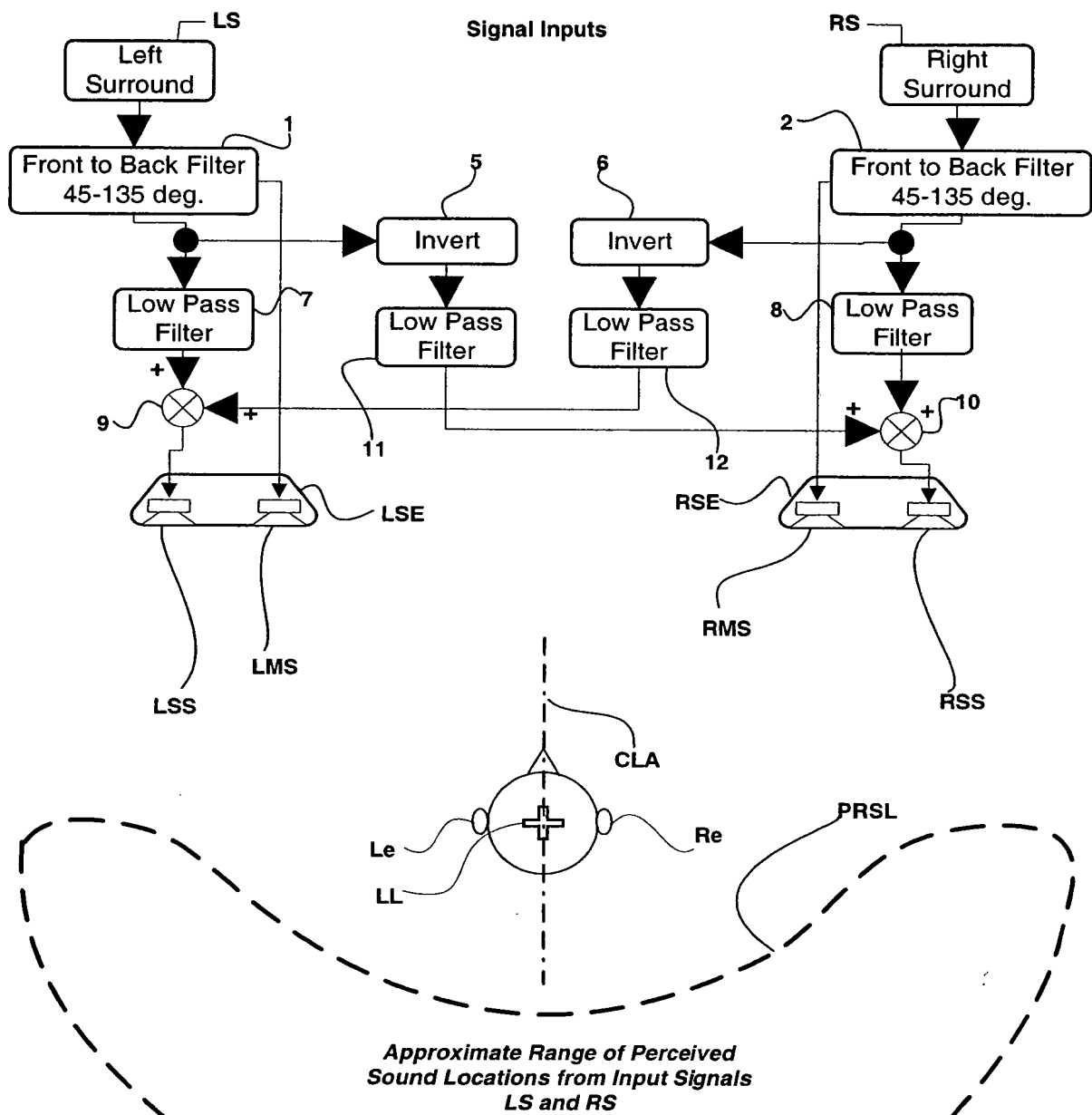
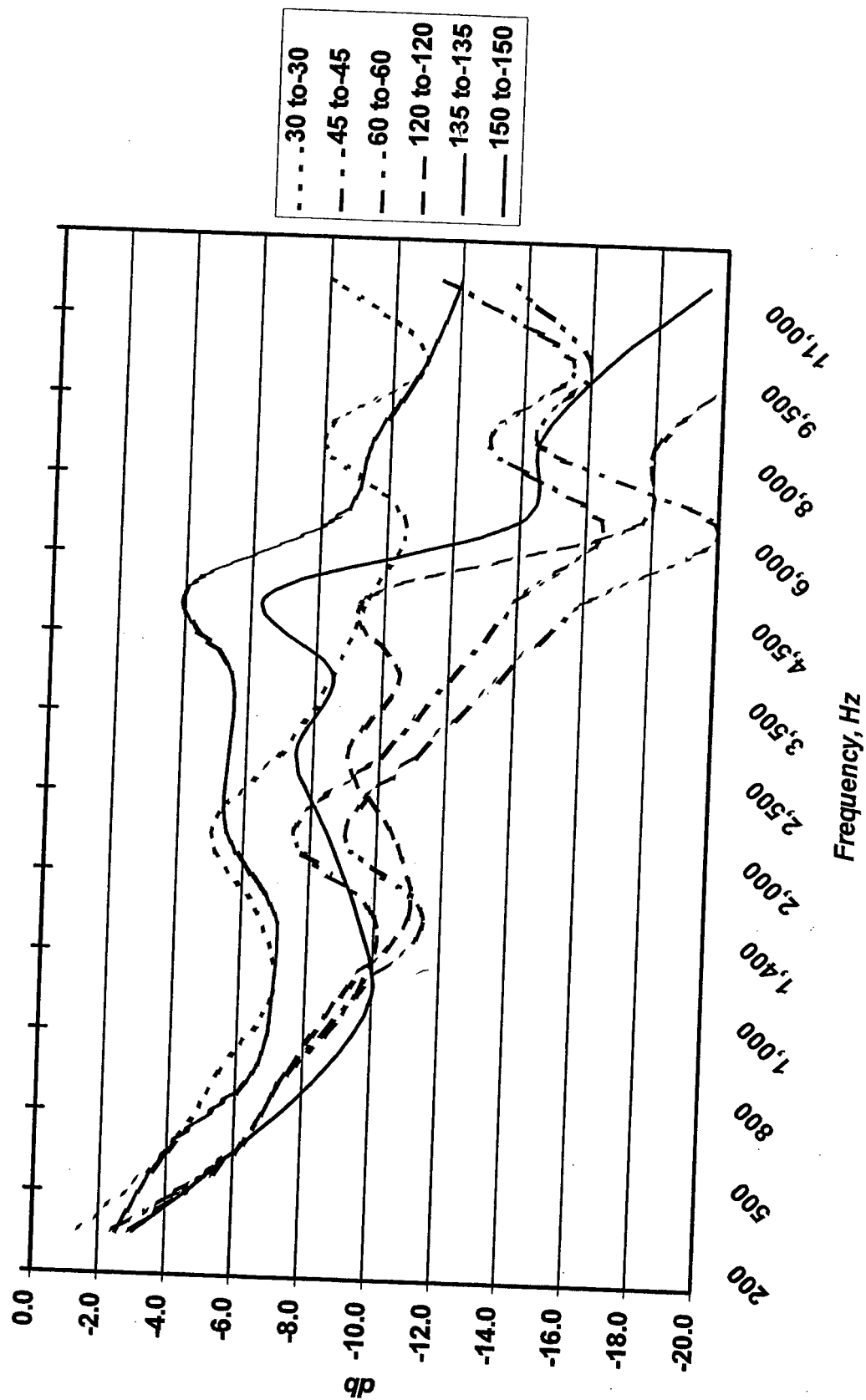


Fig. 8

Fig. 9
Left to Right Frequency Response Differences



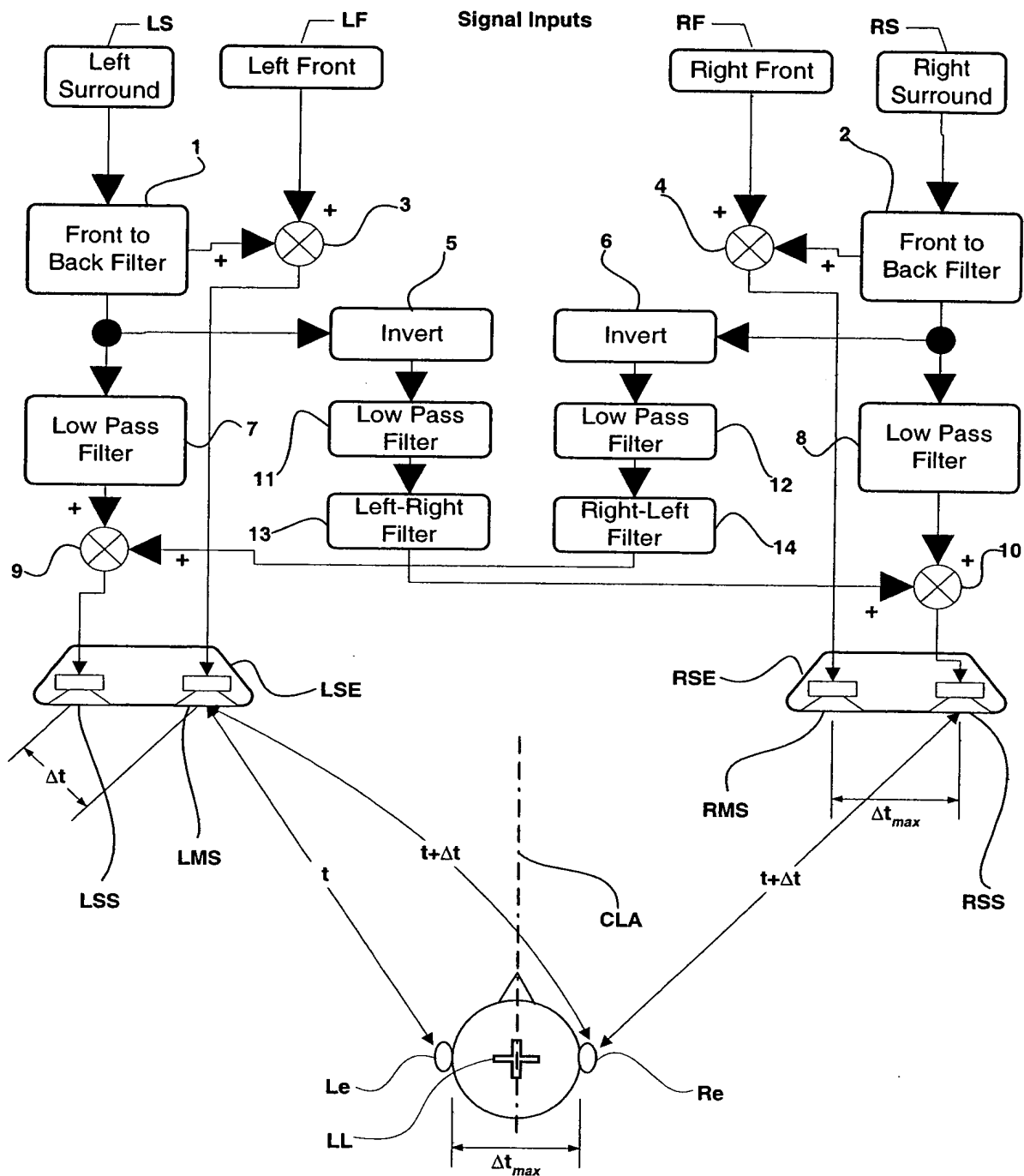


Fig. 10

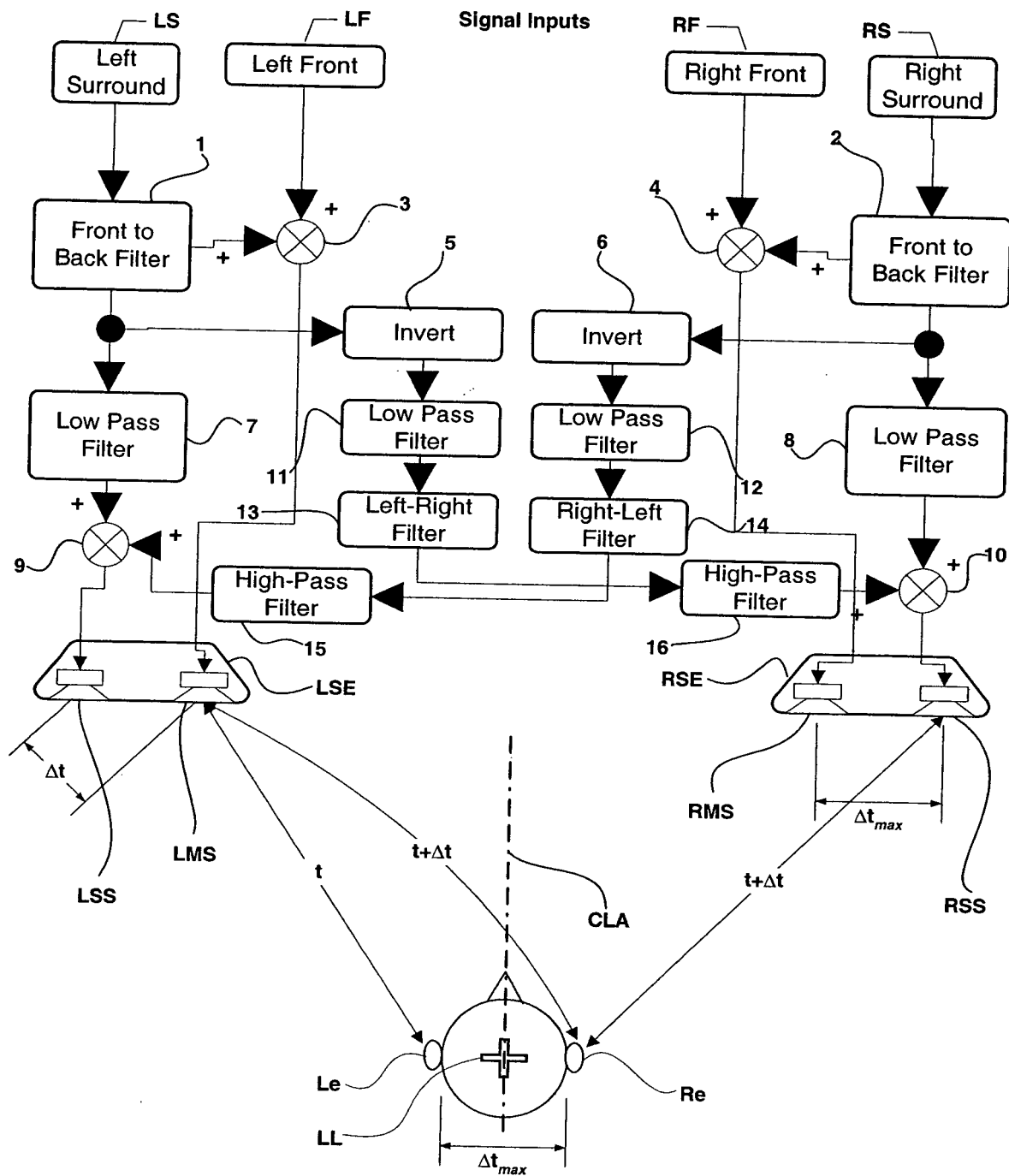


Fig. 11

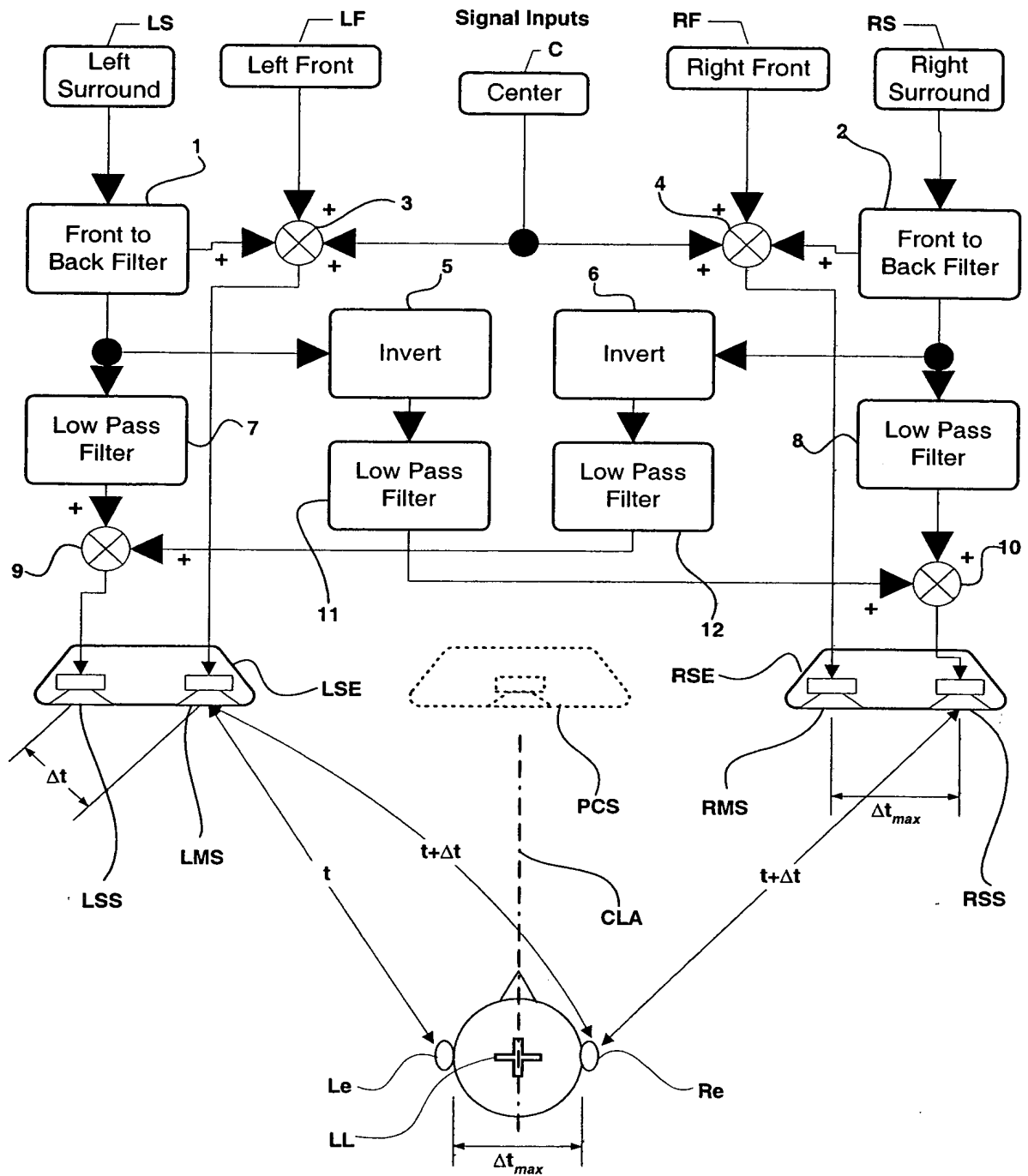


Fig. 12

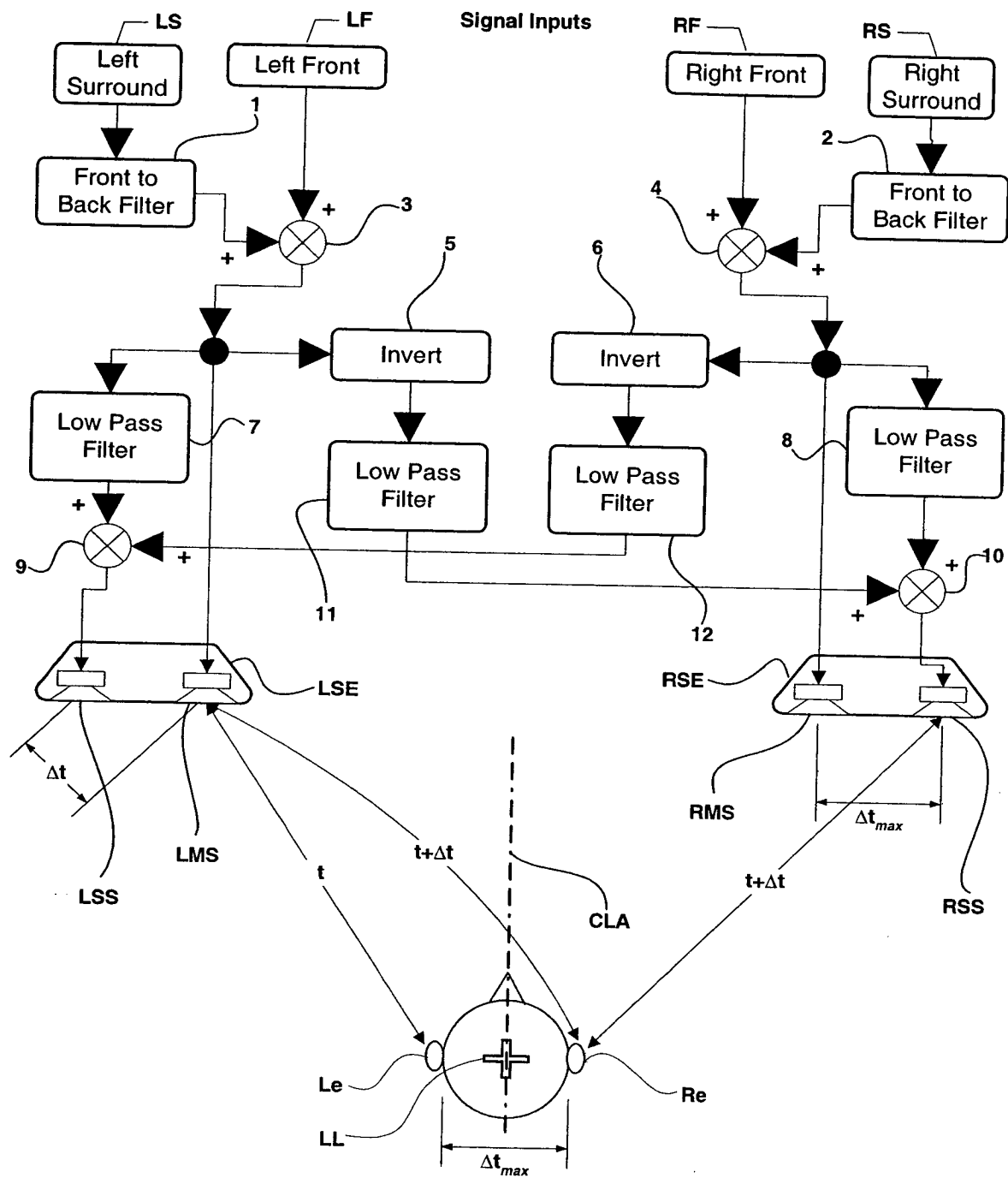


Fig. 13

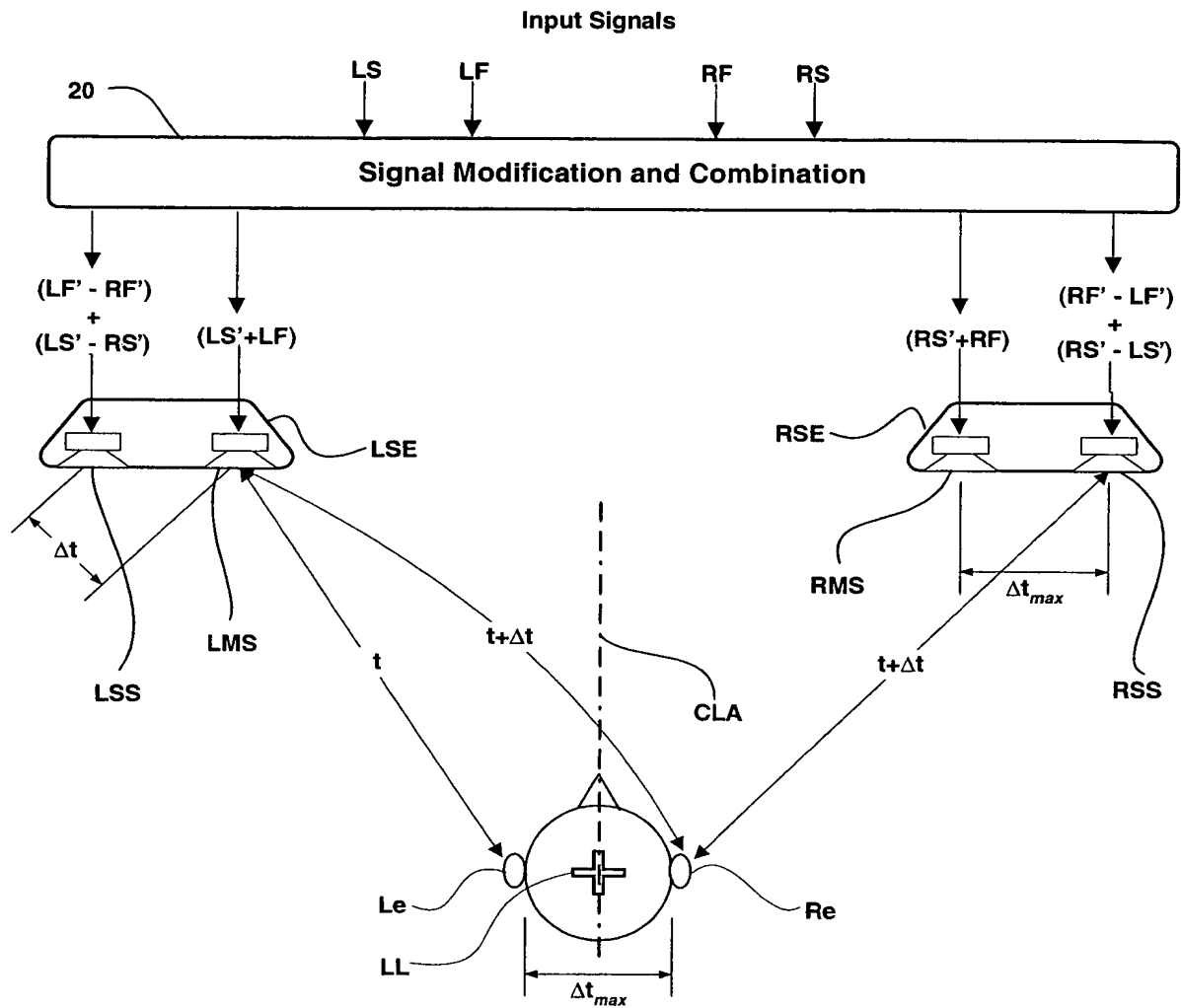


Fig. 13a

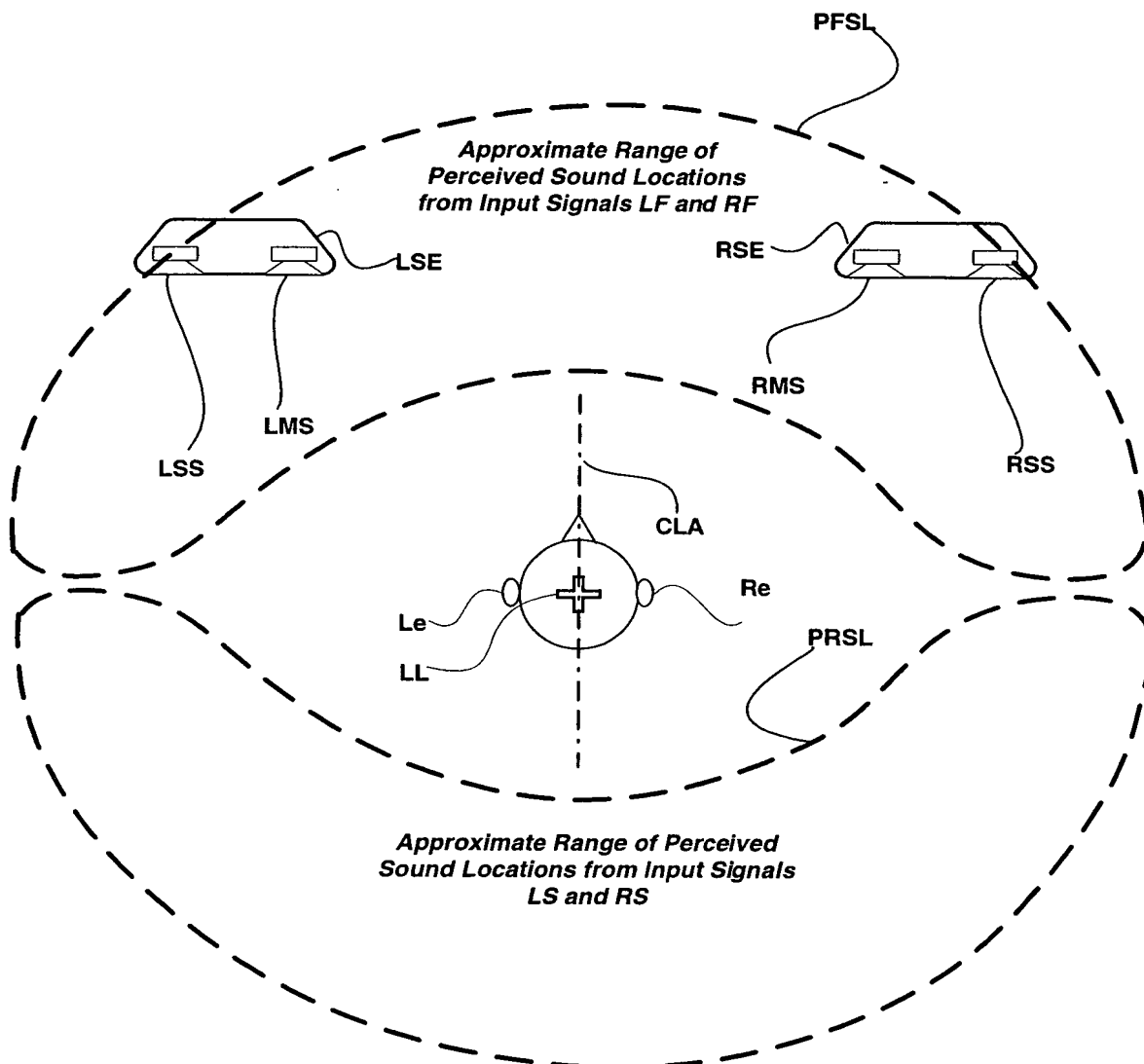
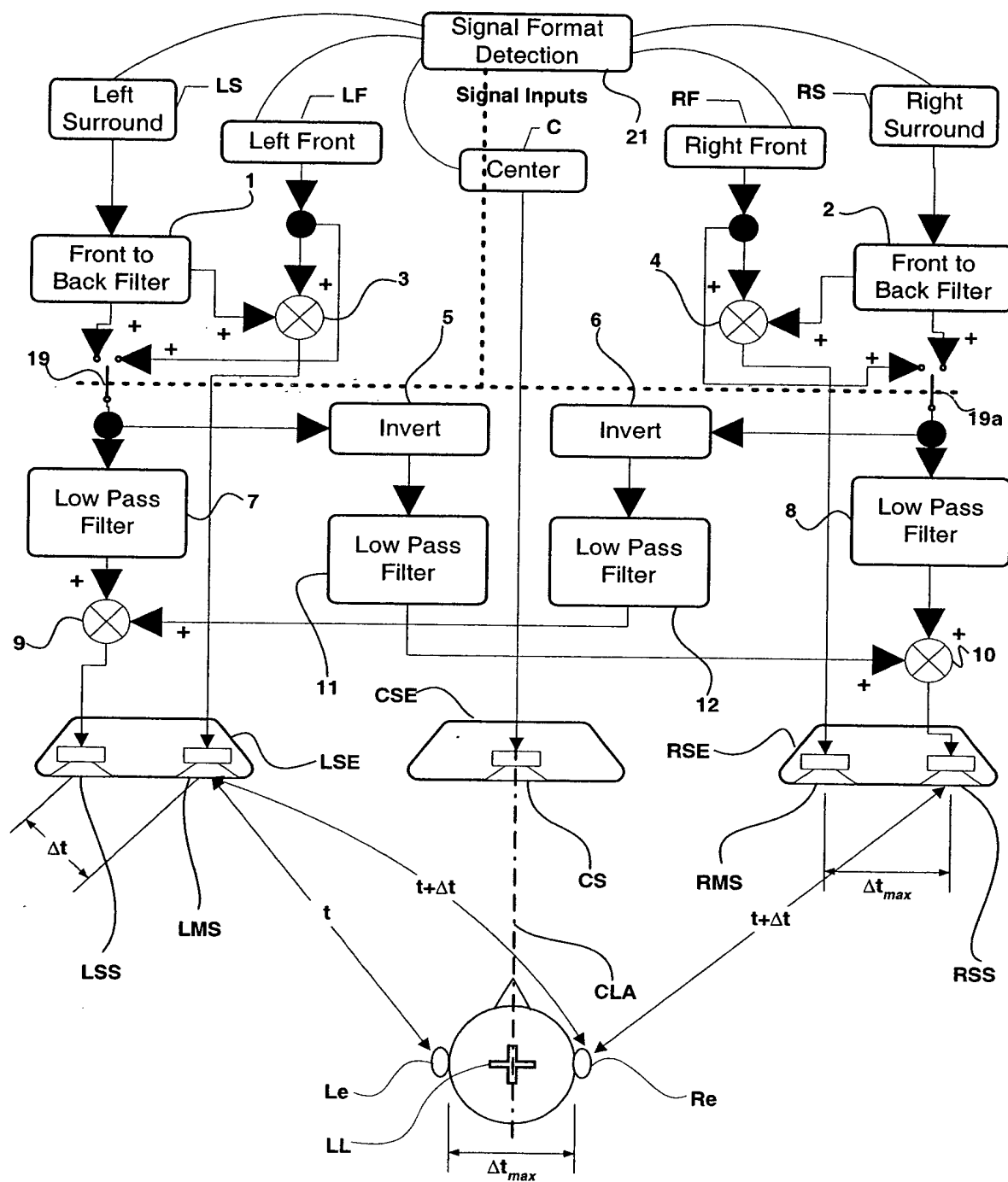


Fig. 14



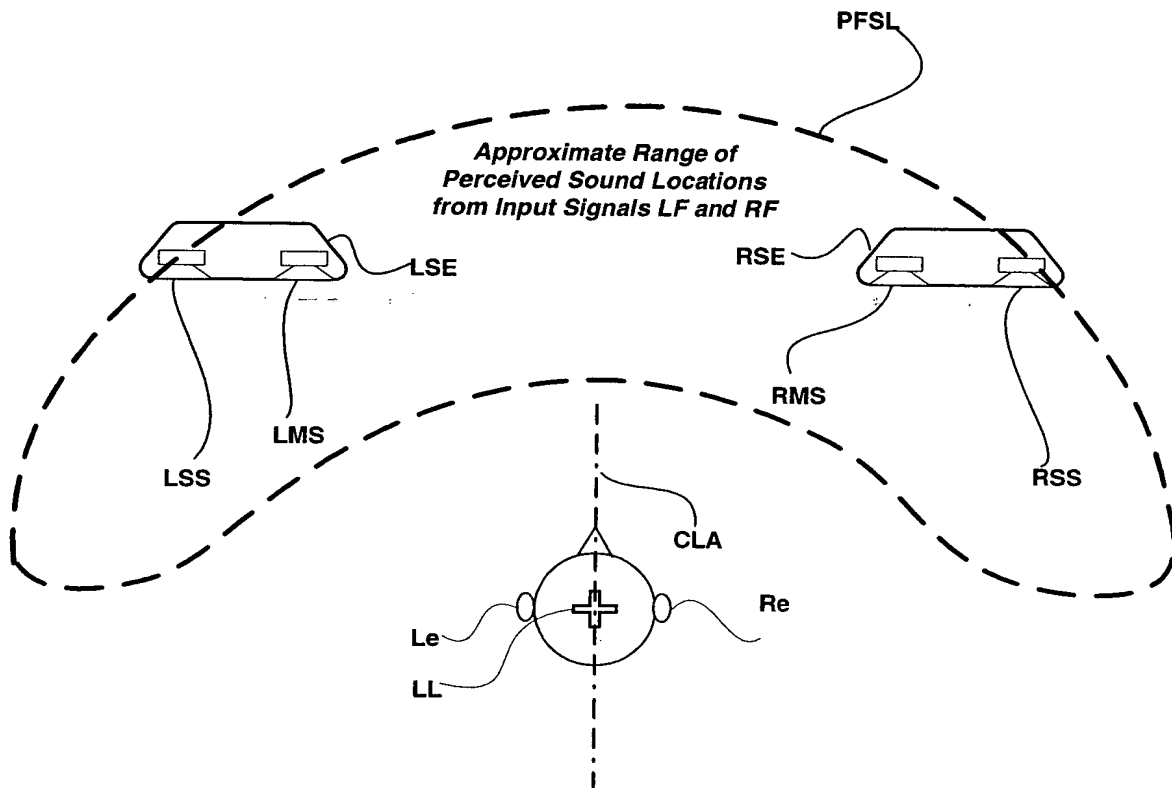
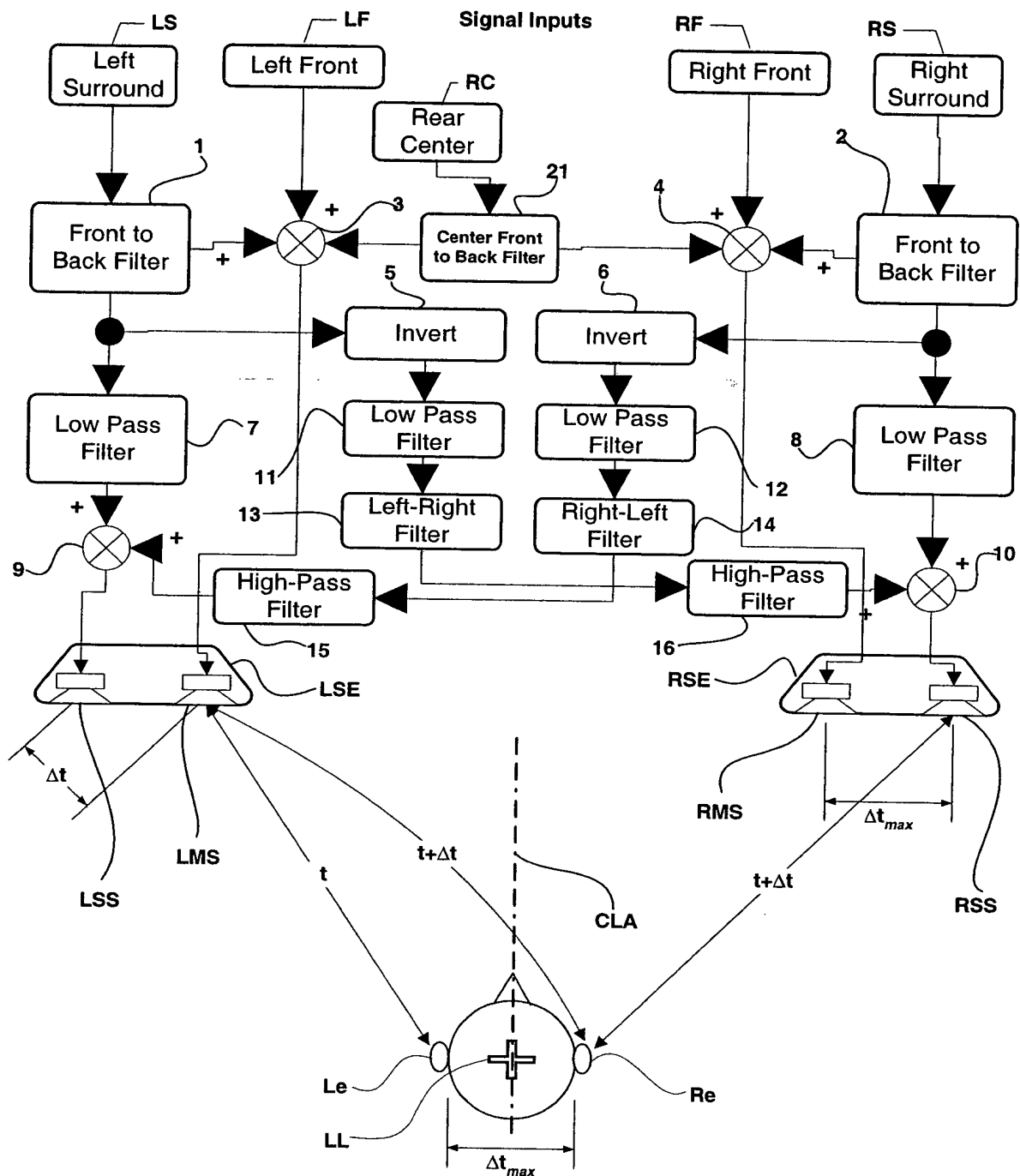


Fig. 16



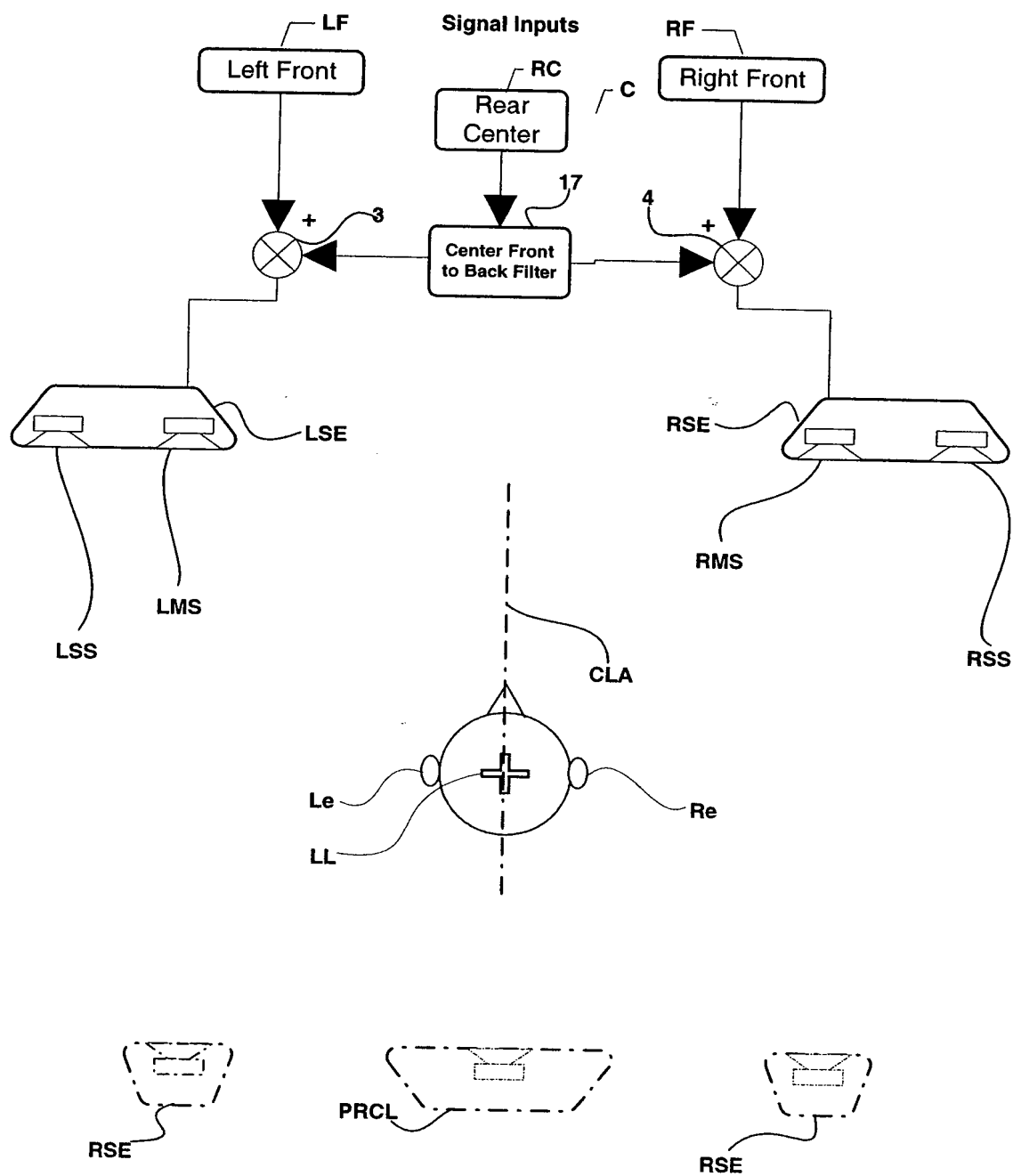


Fig. 18

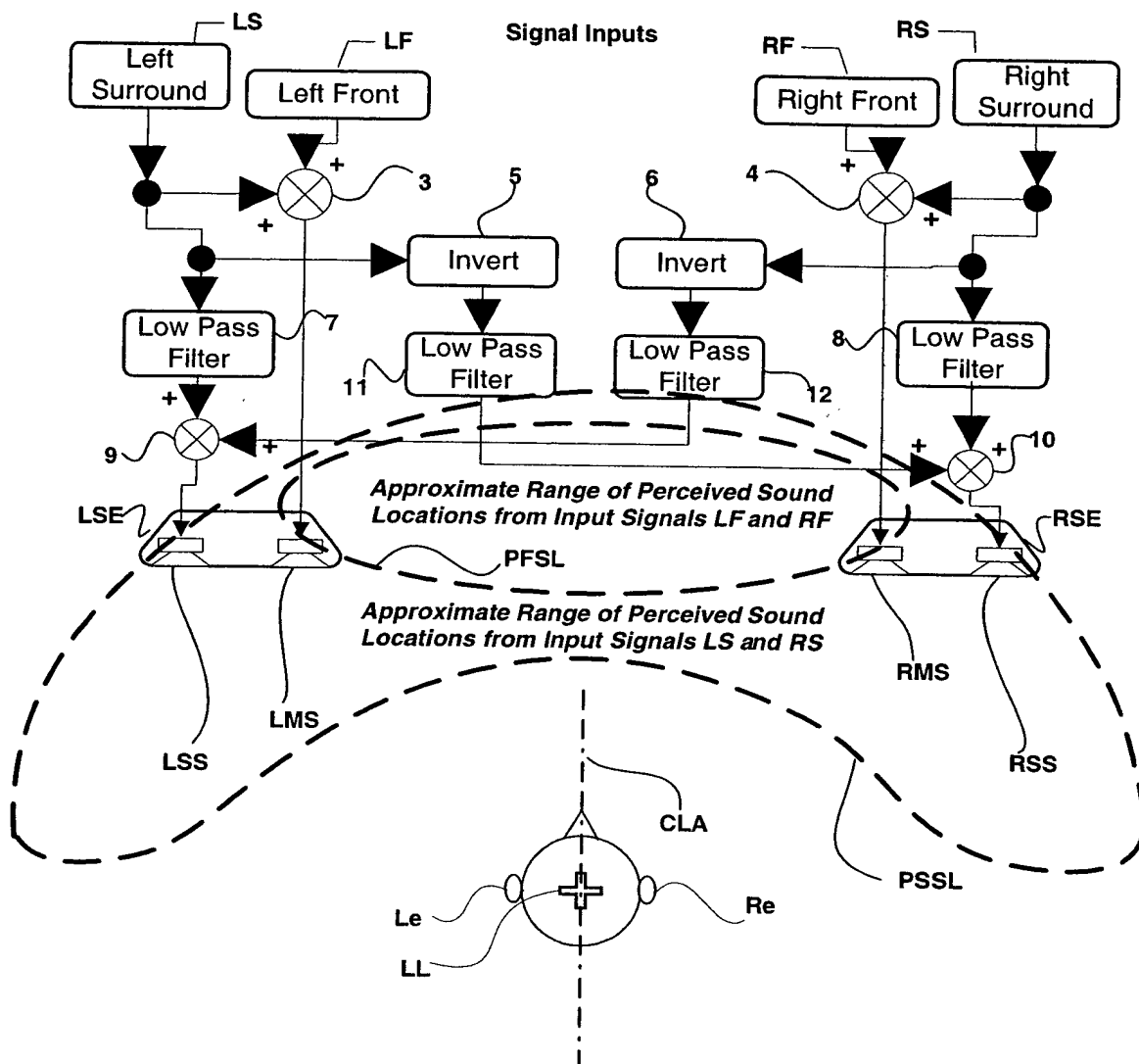


Fig. 19

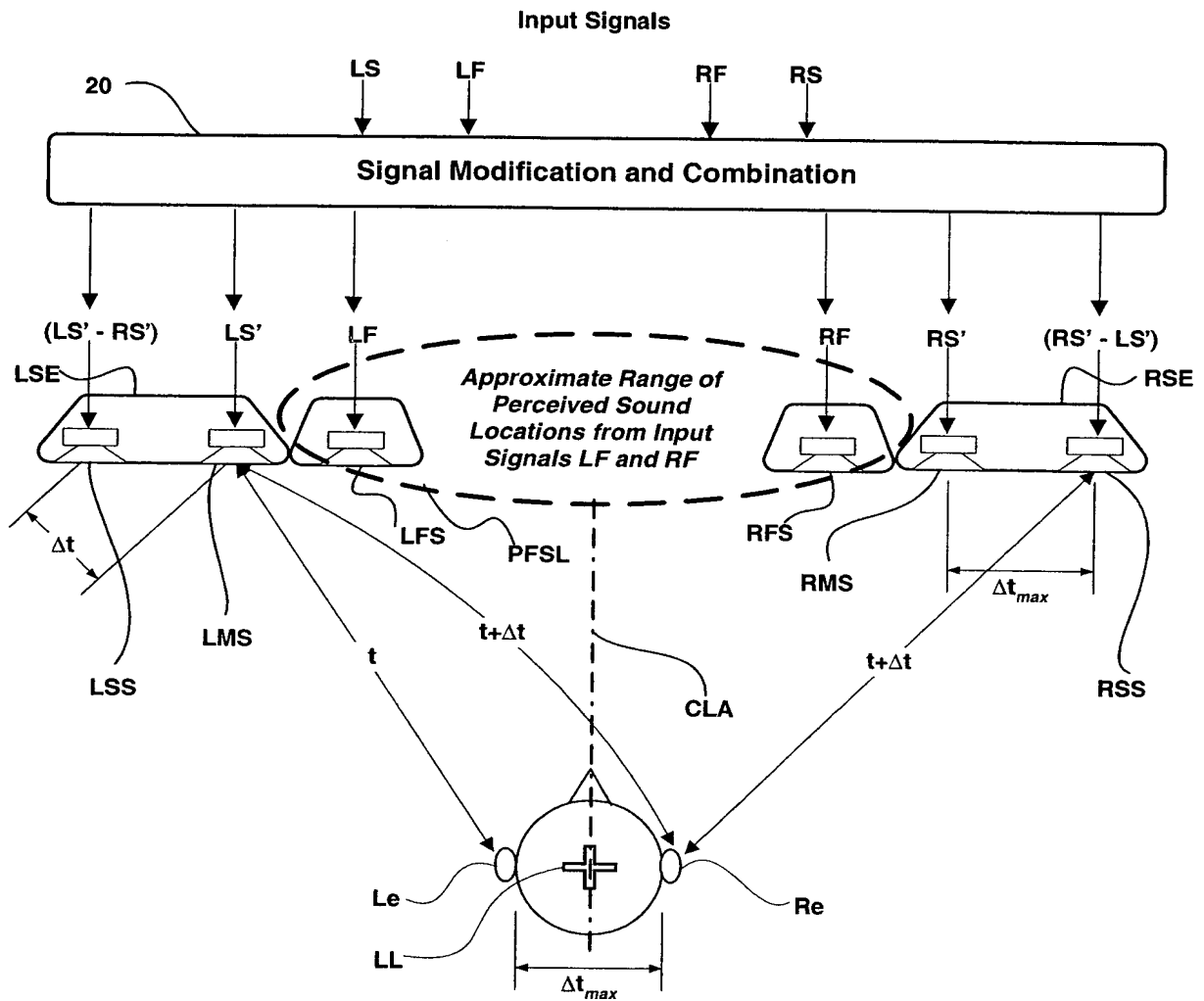


Fig. 20

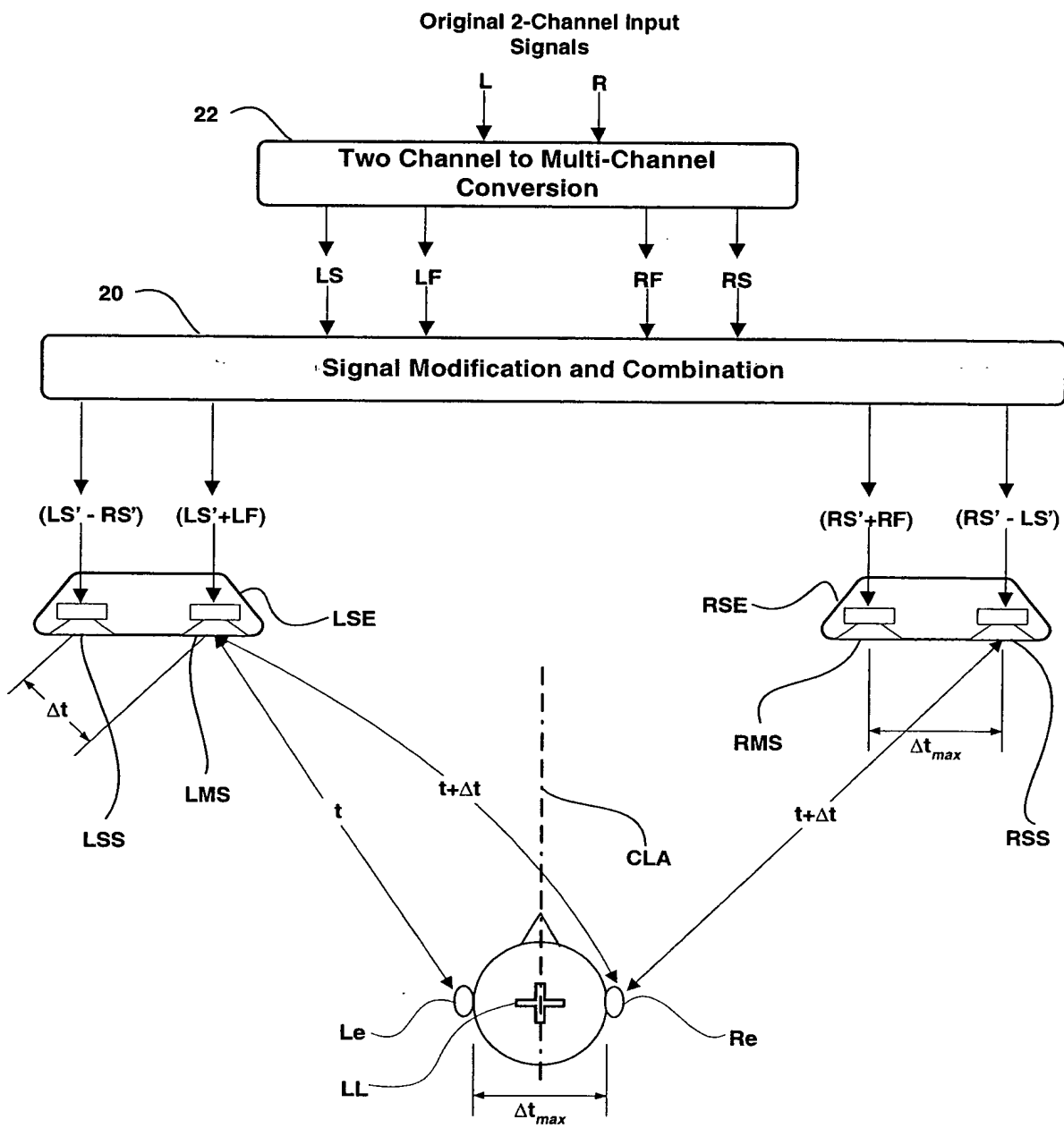


Fig. 21